

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-23. (Cancelled)

24. (Currently amended) An isolated nucleic acid encoding a polypeptide, wherein the polypeptide comprises (1) a *Pseudomonas* exotoxin A fragment consisting of the receptor binding domain of the *Pseudomonas* exotoxin A and (2) a fragment heterologous to *Pseudomonas* exotoxin A containing at least two copies of an antigenic peptide sequence, and has no toxicity.

25. (Previously presented) An isolated nucleic acid encoding a polypeptide, wherein the polypeptide comprises (1) a *Pseudomonas* exotoxin A fragment consisting of the receptor binding domain of a *Pseudomonas* exotoxin A and (2) at least two copies of an antigenic peptide sequence comprising SEQ ID NO:1, and has no toxicity.

26. (Previously presented) An isolated nucleic acid encoding a polypeptide, wherein the polypeptide comprises (1) a *Pseudomonas* exotoxin A fragment consisting of the receptor binding domain of a *Pseudomonas* exotoxin A and (2) 10 to 20 copies of an antigenic peptide sequence, and has no toxicity.

27. (Previously presented) An isolated nucleic acid encoding a polypeptide, wherein the polypeptide comprises (1) a *Pseudomonas* exotoxin A fragment consisting of the receptor binding domain of a *Pseudomonas* exotoxin A and (2) at least two copies of an antigenic peptide sequence in a consecutive series, and has no toxicity.